

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Shining Star
Product Number: 300
Chemical Name: Buffing Compound
Chemical Family: Organic/Inorganic Mixture
CAS Number: Blend

Company Identification

Nobilium Company
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)
(800)-424-9300 (For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
PETROLEUMS AND OILS	1.0 - 100.0 %	64742-52-5
ALPHA ALUMINA	1.0 - 100.0 %	1344-28-1
STEARIC ACID	1.0 - 100.0 %	57-11-4

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

COMPOSITION COMMENT:

Shining Star polishing & buffing compounds are formulated with abrasives surrounded in a matrix of grease binders, waxes and / or soap / water emulsions.

Respirable dust and debris hazards may be created during buffing operations. Exposure limits for dust particles should not be exceeded beyond ACGIH, TLV-TWA recommended ceilings for respirable silica and/or Tripoli dust at 0.1 mg/M3.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

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(section 3 continued)

EYE:

Dust or buffing debris may irritate or damage the eyes without protection. Always wear safety glasses and/or face shield helmets when performing buffing operations.

See OSHA 29cfr1910/122 (Safety glasses).

SKIN:

Irritation of the skin may occur due to mechanical/chemical action or dermatitis reaction.

INHALATION:

Inhalation (during use):

Acute - May cause coughing, shortness of breath (Dust).

Chronic - May affect breathing capacity (Dust).

INGESTION:

May cause gastrointestinal disturbances, constipation or diarrhea.

Obtain First Aid or Medical assistance if needed.

SIGNS AND SYMPTOMS OF EXPOSURE:

Prolonged inhalation of dust particles may result in disabling pulmonary fibrosis.

Symptoms might include deposits of materials in eyes, ears, nasal passages, irritation of mucus membranes.

Warning: Do not breathe dust of compounds containing abrasive materials without following OSHA safety and health standards for dust accumulation collection.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Wash with large amounts of water - obtain First Aid or medical assistance if needed.

SKIN CONTACT FIRST AID:

Wash skin with soap and water. Obtain First Aid and/or medical assistance if symptoms persist.

INHALATION FIRST AID:

Remove to fresh air, apply artificial respiration as needed. Obtain First Aid or medical assistance.



(section 4 continued)

INGESTION FIRST AID:

Obtain First Aid or medical assistance if needed.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

C.O.2, Dry Chemical, Foam, Water Fog.

FIRE & EXPLOSION HAZARDS:

None for new and unused stored material.

FIRE FIGHTING INSTRUCTIONS:

Dried polishing compound and buffing wheel lint and debris may make the mix combustible. Treat as an oil fire.

6. ACCIDENTAL RELEASE MEASURES

INITIAL CONTAINMENT:

Sweep into containers; storage of buffing wheel and compound debris may contain combustible lint.

7. HANDLING AND STORAGE

STORAGE PRECAUTIONS:

Handle with adequate ventilation for nuisance dust when using. See OSHA 29 CFR 1910.24 (Ventilation) and 29 CFR 1910.1000 (Air Contaminants).

Keep liquids from freezing. Store away from excessive heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses and / or face shield helmets. See OSHA 29 CFR 1910.122 (Safety Glasses).



(section 8 continued)

SKIN PROTECTION REQUIREMENTS:

Wear heavy duty work type gloves for hand protection.

RESPIRATORY PROTECTION REQUIREMENTS:

OSHA, 24 CFR/134 NIOSH/MSHA approved respirators for particulates from buffing debris.

MISCELLANEOUS:

Protective work clothing, body apron or belly pads, safety shoes as needed.

Avoid prolonged excessive noise levels created by buffing and polishing operations. See OSHA 29 CFR 1910.215 (Hearing Protection).

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	Premolded Cake Form
COLOR	White
BOILING POINT	N/A F
VAPOR PRESSURE	N/A psia
VAPOR DENSITY	NAIF (Air = 1)
SOLUBILITY IN WATER	Negligible
SPECIFIC GRAVITY	NAIF (Water = 1)
MELTING/FREEZING POINT	145 F
% VOLATILES	0 %
EVAPORATION RATE	NIL
SOLUBILITY IN ALCOHOL:	Moderate
SOLUBILITY IN OTHER SOLVENTS: ...:	Alkaline Cleaners or Chlorinated Solvents

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

Condition to avoid: using under conditions of insufficient dust collecting systems, or ventilation.

POLYMERIZATION:

Hazardous Polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid strong oxidizers or reducing agents.



(section 10 continued)

DECOMPOSITION:

On combustion, hydrocarbons may form to produce smoke, carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Sweep up and incinerate or dispose in accordance with Local, State and Federal regulations.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL ...: Shining Star

15. REGULATORY INFORMATION

EEC Symbols and Indications of Danger:

None

WHMIS Hazard Symbols:

None

Canadian Disclosure List

Alpha Alumina (1344-28-1)
Stearic Acid (57-11-4)

SARA Title III - Section 313

Alpha Alumina (1344-28-1)

Title V

Alpha Alumina (1344-28-1)



(section 15 continued)

SC Toxic Air Pollutants List

Stearic Acid (57-11-4)

16. OTHER INFORMATION

REASON FOR ISSUE ...: New MSDS
PREPARED BY: Phyll Tabone
APPROVED BY: John Nicpon
TITLE: Quality Manager
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END OF MSDS

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